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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/832,753	04/10/2001	Michael Topolovac	OPEN-001	3355

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ARRIS INTERNATIONAL, INC  
11450 TECHNOLOGY CIRCLE  
DULUTH, GA 30097

EXAMINER

TRUONG, CAM Y T

ART UNIT	PAPER NUMBER
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2172

DATE MAILED: 06/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/832,753

Applicant(s)

TOPOLOVAC ET AL.

Examiner

Cam-Y T Truong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4&7.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

**DETAILED ACTION**

1. Claims 1-3 are pending in this Office Action.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Weissman et al (USP 6212524).

As to claim 1, Weissman teaches the claimed limitations:

“at least one record including a primary key data field” as the datamart that is a database including a set of tables having rows and columns. For example, the SQL server table 456 defines details about an SQL server system. The SQL server includes the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field (col. 53, lines 40-41; col. 23, lines 45-56), “a workplace context data field for storing data indicating the context in which other data within the at least one record is interpreted” as record base includes two other columns base\_name and L1 which includes a list of another columns (fig. 10), “at least one other data field for storing the other data” as column L1 includes other columns such as region\_code and region\_name (fig. 10).

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Weissman fails to teach the claimed limitation "an owner data field for indicating the owner of the record". However, Weissman teaches that the SQL server table 456 defines details about an SQL server system. The SQL server stores includes the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field. The name of a user in the column user name can be an owner of the first record in the table 456 (col. 53, lines 40-41; col. 23, lines 45-56).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to apply Weissman's teaching of The SQL server stores includes the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field in order to allow a user to search/retrieve a particular record and to notice a user to know record's owner.

As to claim 2, Weissman teaches the claimed limitations:

"a data structure including at least one record having a primary key data field" as the datamart including a set of tables having rows and columns. For example, the SQL server table 456 defines details about an SQL server system. The SQL server stores following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field (col. 53, lines 40-41; col. 23, lines 45-56). Weissman fails to teach the claimed limitation "an owner data field for indicating the owner of the record, the owner data field

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including data representative of one of a plurality of owners and at last one other data field". However, Weissman teaches that the SQL server table 456 defines details about an SQL server system. The SQL server stores the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field. The name of a user in the column user name can be an owner of the first record in the table 456. Also, the Base field includes base\_name field and L1 field. This information shows that Base field can be an owner including data representative one of a plurality owners such as Base\_name and other data such as L1(col. 53, lines 40-41; col. 23, lines 45-56; figs. 10-11).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to modify Weissman's teaching of The name of a user in the column user name can be an owner of the first record in the table 456. Also, the Base field includes base\_name field and L1 field. This information shows that Base field can be an owner including data representative one of a plurality owners such as Base\_name and other data such as L1 for defining measure and related information and searching/retrieving a particular record.

As to claim 3, Weissman teaches the claimed limitations:

" a database including a single namespace" as datamart that is a database including a set of tables having rows and columns. For example, the data set table 606 includes the following columns: a data set key, a data set name, a label, a description, and a list order (col. 53, lines 39-42; col. 32, lines 12-18; col. 6, lines 1-2);

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“at least one record having a primary key data field” as , the SQL server table 456 defines details about an SQL server system. The SQL server stores the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field (col. 53, lines 40-41; col. 23, lines 45-56).

Weissman fails to teach the claimed limitation “an owner data field for indicating the owner of the record, the owner data field including data representative of one of a plurality of owners and at last one other data field”. However, Weissman teaches that the SQL server table 456 defines details about an SQL server system. The SQL server stores the following attributes: a data store key, a database name, a user name, and key which is represented as a primary key. Each row is a record and each attribute is a data field. The name of a user in the column user name can be an owner of the first record in the table 456. Also, the Base field includes base\_name field and L1 field. This information shows that Base field can be an owner including data representative one of a plurality owners such as Base\_name and other data such as (col. 53, lines 40-41; col. 23, lines 45-56; figs. 10-11).

It would have been obvious to a person of an ordinary skill in the art at the time the invention was made to modify Weissman’s teaching of The name of a user in the column user name can be an owner of the first record in the table 456. Also, the Base field includes base\_name field and L1 field. This information shows that Base field can be an owner including data representative one of a plurality owners such as

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Base\_name and other data such as L1 for defining measure and related information and searching/retrieving a particular record.

**Conclusion**

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Fujisawa et al (USP 5555408).

**Contact Information**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cam-Y Truong whose telephone number is (703-605-1169).

The examiner can normally be reached on Mon-Fri from 8:00AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu, can be reached on (703-305-4393). The fax phone numbers for the organization where this application or proceeding is assigned is (703)-746-7239 (formal communications intended for entry), or: (703)-746-7240 (informal communication labeled PROPOSED or DRAFT).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703-305-3900).

Cam-Y Truong

7/08/02

  
SHAHID AL ALAM  
PATENT EXAMINER